

REPORT OF THE TRUSTEES
OF THE
MASSACHUSETTS
HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE

YEAR ENDING NOVEMBER 30, 1908.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1909.



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STATE HOUSE, BOSTON

Mass. Official

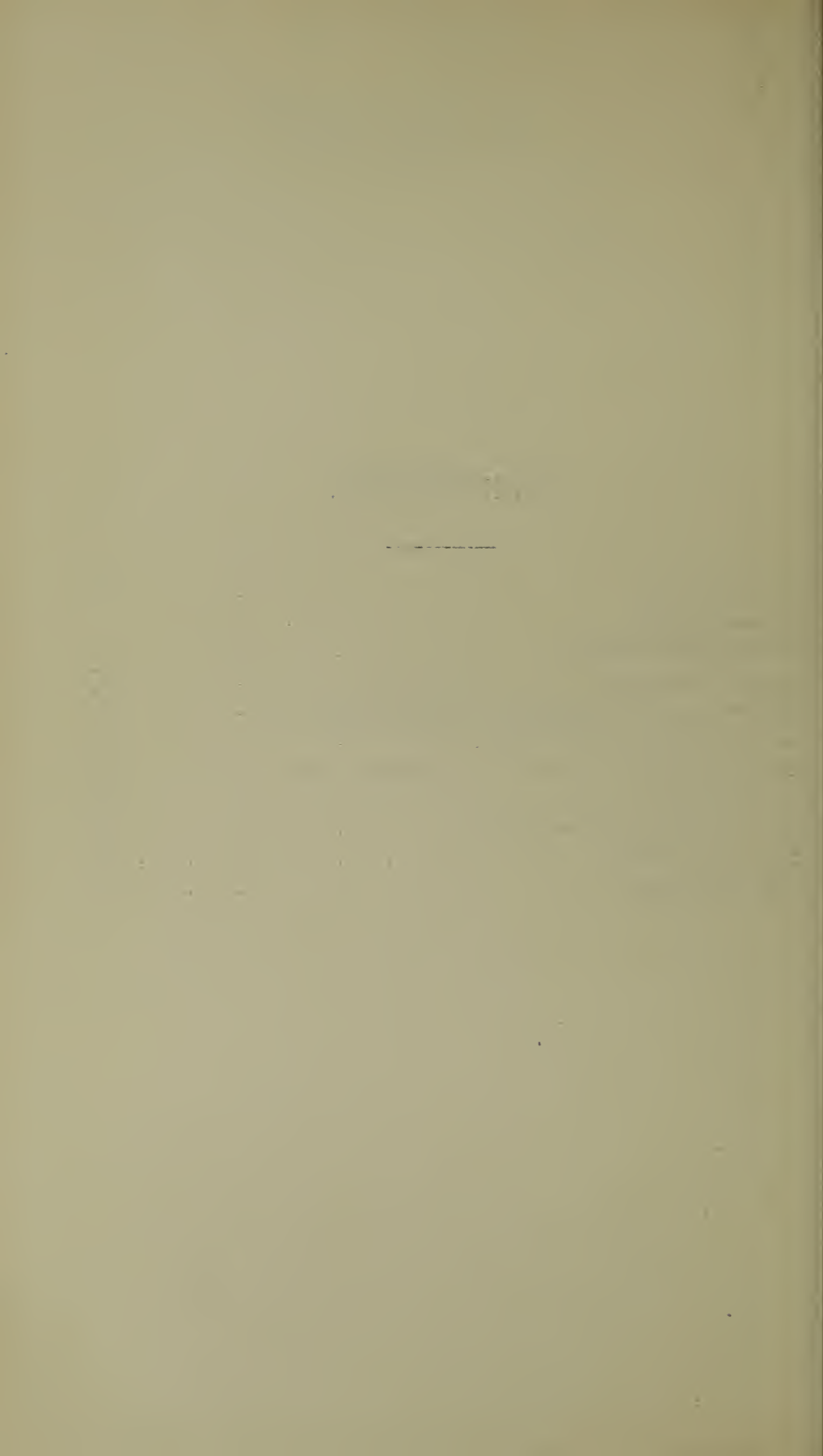
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YEARLY STATE
TO
ATTENDANCE

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OFFICERS

OF THE

MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	BOSTON.
MABEL W. STEDMAN, <i>Secretary</i>,	.	.	.	.	BROOKLINE.
HENRY P. JAKES, M.D.,	.	.	.	.	LENOX.
WALTER W. SCOFIELD, M.D.,	.	.	.	.	DALTON.
WINFORD N. CALDWELL,	.	.	.	.	SPRINGFIELD.
MARY P. TOWNSLEY,	.	.	.	.	SPRINGFIELD.
JOHN BAPST BLAKE, M.D.,	.	.	.	.	BOSTON.

RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	.	.	.	.	<i>Superintendent.</i>
MORGAN B. HODSKINS, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
EDWARD A. KENNEDY, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
ALDEN V. COOPER, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
MELVIN E. COWEN, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
EDITH E. SMITH,	.	.	.	.	<i>Clerk.</i>
CHARLES F. SIMONDS,	.	.	.	.	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	<i>Engineer.</i>
GEORGE H. GALLUP,	<i>Farmer.</i>

WALTER E. HATCH,	<i>Clerk and Treasurer.</i>
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NON-RESIDENT OFFICERS.

DR. E. G. BRACKETT,	<i>Consulting Orthopedic Surgeon.</i>
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The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Massachusetts Hospital for Epileptics at Monson respectfully submit the following report.

The Board feel that both they and the hospital have undergone a serious loss in the death of Mr. Clough, who had been a trustee since the establishment of the hospital. He had devoted his time and energy for many years to the benefit of this institution and its inmates. He was most conscientious and careful in his attention to all questions relating to the policy and administration of the hospital and to the care and comfort of the patients, and the Board was accustomed to rely much upon his wisdom and judgment. He died at Pinehurst, N. C., Feb. 8, 1908.

The trustees have named the new men's building the Clough building, in his memory.

In July the Governor appointed Dr. John Bapst Blake of Boston in the place of Mr. Clough, and reappointed Dr. H. P. Jaques, whose term of office had expired. These appointments were confirmed by the Council.

There has been no change in the medical staff of the hospital during the past year. It has long been the desire of the Board to appoint an assistant physician who should devote himself wholly to research and investigation into the cause of epilepsy, the best methods for its treatment and cure and such other cognate subjects as may seem most likely to develop our practical knowledge of this disease. During the past year we have devoted much consideration to this subject, and it is hoped that the right person for this position has now been found.

The appropriations for last year amounted to \$13,000, apportioned as follows:—

Construction and furnishing building for male employees, .	\$5,900 00
Bread oven,	1,500 00
Ensilage cutter and motor and instalment,	850 00
Removal of stable,	500 00
Renewal of pipes in administration building,	350 00
Completion and furnishing of rooms in the women's south building,	3,900 00
	<hr/>
	\$13,000 00

The new building for male employees has been placed on the west side of the road from Palmer to the hospital, nearly opposite the old house, now used for the farmers. This building is now nearly completed. The laying of the water and sewerage pipes and their connection with the main pipes and drain, respectively, has been accomplished largely through the work of the patients. The building seems satisfactory, and will much relieve our difficulties in regard to the arrangements for employees.

The stable has been removed and placed on an excellent stone foundation with a good cellar. We have ample place here for the storage of supplies and a fine root storage cellar.

From the old material from some of the sheds which were pulled down we have made a new tool house and a new greenhouse.

The bread oven has been completed and is now in use. Arrangements are under way for installing the ensilage cutter. The renewal of the pipes in the administration building will be undertaken as soon as is possible without disturbing the work now being done there.

In regard to the completion and furnishing of the rooms on the ground floor of the women's south building the trustees have delayed action. While on the whole it seems advisable that this should be undertaken, certain new considerations have arisen which demand time and thought. A definite conclusion in regard to this matter will be shortly reached and duly reported.

The appropriations asked for for the coming year are:—

For the construction and furnishing of two buildings for children in a portion of the estate somewhat separated from the main group of buildings for the adults; for the construction and furnishing of a building for the administration work of this group and for employees; for the kitchen and heating plant; for the proper laying and connection of the water pipes from these buildings with the present mains, and for the proper laying and connection of the sewerage pipes,	\$125,000 00
For the reconstruction and relocation of the cow barn and hay barn,	8,000 00

Since the lowering of the age limit for the admission of patients, and since the removal of the restriction on the reception of the feeble-minded by the Legislature, we have received and we are liable to receive children whom it is not advisable to place with the adults, and for whom some separate provision must be made. The separation of epileptic children from the adult epileptic patients is necessary (1) for the safety of the children; (2) for their moral welfare; (3) in order that they may be placed under the most favorable conditions for improvement and cure. It would seem scarcely necessary to enter more fully into these considerations as we believe that they will be readily accepted.

The trustees have fixed upon a suitable portion of the hospital estate, sufficiently separated from the main group of buildings, in which the adults are cared for, as the future situation of the buildings for the children. It is on the easterly slope of one of the hills, and there is close by an excellent playground for the children in the woods above. The importance of proper provision for these children cannot too strongly be stated.

The trustees have again requested a proper sum, \$8,000, for the reconstruction and relocation of the hay barn and the cow barn. We believe that this will be a matter of economy for the institution and that provision should now be made for this purpose.

The trustees still feel that the more interest that is taken in its work by the general medical profession of the State the

farther will its influence extend and the greater will be its value to the people. We have therefore encouraged the superintendent to take advantage of all proper opportunities to excite the interest of the outside physicians. A plan has been proposed for holding a clinic at the hospital, to be attended by such physicians as may be interested, and this will probably before long be started.

The trustees feel that during the coming year the hospital should advance in two directions: first, in regard to the provision for children; this is of extreme importance, both for the patients and for the proper management of the institution: secondly, some definite action should be taken as regards research work.

WILLIAM N. BULLARD, M.D., *Chairman.*

MABEL W. STEDMAN, *Secretary.*

HENRY P. JACQUES, M.D.

WALTER W. SCOFIELD, M.D.

WINFORD N. CALDWELL.

MARY P. TOWNSLEY.

JOHN BAPST BLAKE, M.D.

SUPERINTENDENT'S REPORT.

To the Trustees of the Massachusetts Hospital for Epileptics.

The following report is respectfully presented.

The use of the appropriations granted last year has been well studied by your Board, but I wish to call attention, in particular, to the value of the building for male employees, which is now nearly completed. This work was kept out of the hands of the contractors because it was rather a small undertaking and because the bids obtained ran rather higher than the estimates originally furnished.

The foundation was let out to contract at a reasonable price. As the building is located on a side hill there was very little excavating to do, and our boys attended to the greater part of it. They also did the main share of the excavating for the water main and sewer pipe, — a distance of 400 feet. There was no expense to the hospital in that portion of the work except the value of the water main and sewer pipe and the hired labor of putting these in, which were all counted in the appropriation for the building. Two carpenters were employed during August and September, and three during October and a part of November. One patient who had been a carpenter before coming here worked with these hired men. The result has been that every portion of the work has been thoroughly done, and the building represents the most careful workmanship, so that it will be an especially durable building and should not require any repairs for many years. It is now completed, with the exception of the inside finishing and plastering. The heating system and plumbing are either all in or provided for, and the appropriation is adequate for properly finishing all this work and furnishing the building. The grading has been carried on in connection with the trenching, by our boys, so that in the spring the work can be properly finished without expense.

This building was designed to accommodate a married couple, one or both of whom would be employed by the hospital. The woman would be held responsible for the care of all the rooms in the building and possibly for the rooms in another building for employees not far away. She would be able to accommodate six or eight lodgers, who would be employees of the institution, and she would be responsible for the proper conduct of her lodgers. In this way we hope to take good care of some of our attendants and at the same time furnish a solution of the rather difficult problem of providing for married people.

If this matter works out as it now promises, it will certainly be desirable to duplicate this building as soon as we can get the appropriation for the work. I have not, however, recommended that we ask for such an appropriation this year, because it is not now an especially pressing need, and the work we have in view in connection with the children's colony is of such very great importance that it may well be made the sole object of our efforts for the year.

In the matter of the use of the appropriation for finishing and furnishing the space on the ground floor of our women's south building, which was originally designed for the accommodation of female employees, I have asked your permission to delay the expenditure of this sum until we could fully determine the particular value of the very promising method of taking care of employees in such a house as we have just built.

Another reason for delaying the use of this appropriation is that the space originally intended for cutting up into rooms has been used temporarily as an industrial room, and it has become practically indispensable. It is excellently adapted for these necessary purposes, and I am in hopes that it will seem advisable to your Board to retain it for this purpose, and at a later date to obtain a slight addition to the appropriation now on hand, so that we may erect a separate building for female employees similar to the one for male employees, but suitably located, so that these women will be convenient to their work, and somewhat associated with the group of women patients.

Several changes have been made in the assembly hall, in accordance with the advice of the State police, and a portable

booth for the exhibition of moving pictures has been built there under their direction.

Among the repairs, the most useful has been the reconstruction, in stone and cement, of the wooden porch at the kitchen building.

Many other important repairs have been made, and in general the expense for such work seems larger than necessary, unless all the conditions are well understood. The institution, though new, is built on the site of an old one, and during the year much of the repairing done has been renewing or rebuilding the walls of important springs long since going to ruin, cleaning out an ancient reservoir, rebuilding some walls to keep in commission a very useful but very old source of water, digging up and renewing fallen-in drains of large size with heavy flag tops — expensive work, but cheaper and better than letting them go to decay and putting in some other kind of drains and other such work.

Though there will always be repairing to do, these special things are now so well done that they will last for a generation, and thus prove the benefit and real economy of the work.

Number of patients admitted during the year by commitment,	.	229
Number of patients admitted during the year by transfer,	. . .	2
Number of patients admitted during the year from escape,	. . .	5
Number of patients admitted during the year from visit,	. . .	46
<hr/>		
Total number of patients admitted,	. . . . .	282
Number of patients died during the year,	47
Number of patients otherwise dismissed,	179
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Total number of cases treated,	852

Admissions and transfers have occurred so that our number of patients has been a little larger than was estimated. The rooms are now fully occupied and need of more space is already felt.

A fire-alarm box has been installed, connecting us with the department in Palmer.

A capable instructor in calisthenics has been employed; there are two classes held on Saturday afternoons. These are followed, during cool weather, by the dancing school, where the

younger persons and those not considered suitable to go to the evening dances are entertained. In warm weather baseball and out-of-door games are substituted for the in-door amusement.

Safeguarding of the machinery has been perfected and meets with the approval of the State police.

Moving pictures of a few cases during attacks, patients at work, a group of feeble-minded (to illustrate the movements of this class of persons), gaits of a few types of nervous disease, etc., have been made and were exhibited at the meeting of the National Association for the Study of Epilepsy, in Indianapolis. Further work in this line is under way.

A plan for holding a clinic at this hospital, to which members of the medical profession are to be invited, has been well advanced, and, except for necessary delay, would have been in operation. This no doubt will be fully arranged within a reasonable time.

Table showing Patients employed, and in What Way.

	Men.	Women.
Administration building,	1	4
Bakery,	5	—
Barn,	13	—
Carpenter,	2	—
Dining room,	21	14
Employees' cottage,	1	2
Farm,	17	—
Farm group,	—	3
Greenhouse,	8	—
Industrial building,	16	—
Kitchens,	10	23
Laundry,	12	54
Lawns,	7	—
Music,	—	1
Nurses' home,	—	4
On roads,	71	—
Painter,	4	—
Printer,	3	—
School,	3	29
Sewing rooms,	—	39
Store,	3	—
Ward work,	117	87
With engineer,	1	—
With yard man,	13	—
	328	260

GIFTS.

NAME.	Place.	Article.
Mrs. Louisa Boes, . . .	New York, N. Y., .	Clothing.
Mrs. Laura P. Stewart, . .	Boston, . . .	Clothing.
Dr. W. N. Bullard, . . .	Boston, . . .	Book, "Orthopedic Surgery."
W. B. Saunders, . . .	Philadelphia, Pa., .	Book, "A Reference Hand-book of Obstetric Nursing."
Mrs. Mary E. Morehouse, .	Willimansett, . .	Gifts for Christmas tree.
Richard P. Elliot, . . .	Boston, . . .	Clothing.
W. B. Saunders Company, .	Philadelphia, Pa., .	Book, "Stoney's Practical Points on Nursing."
Miss M. E. Kilduff, . . .	Springfield, . . .	Magazines.
Mrs. R. P. Cushman, . . .	Monson, . . .	Dorcas calendars.
Sumner Fiske, . . .	Athol, . . .	Picture book.
Richard P. Elliot, . . .	Boston, . . .	Clothing.
Mrs. Ella Otis, . . .	Roxbury, . . .	Clothing.
Mrs. Catherine Healy, . .	Quincy, . . .	Clothing.
Rev. Abram Conklin, . . .	Monson, . . .	Magazines.
Mrs. Henry Bradway, . . .	Monson, . . .	Magazines.
Mr. William Nairn, . . .	New Dorchester, .	Clothing.
Mrs. Kenny, . . .	Dorchester, . . .	Clothing.
Dr. Woodworth, . . .	Fitchburg, . . .	Clothing and books.
Mrs. S. F. Cushman, . . .	Monson, . . .	Magazines.
Mrs. Charles Carpenter, .	— —	Magazines.
Mrs. Morris, . . .	Monson, . . .	Magazines.
Mr. Gove, . . .	East Boston, . .	Clothing.
Mrs. J. F. Holbrook, . . .	Palmer, . . .	Reading matter.
John Sullivan, . . .	— —	Magazines.
Sadie Holdridge, . . .	— —	Magazines.
J. A. Talcott, . . .	Monson, . . .	Reading matter.

MEDICAL LECTURES.

1908.

- March 17, Dr. E. A. Kennedy, "Diseases of the Kidneys."
 March 31, Dr. A. V. Cooper, "Fevers."
 April 7, Dr. M. E. Cowen, "Bacteria and Bacteriology."
 April 15, Dr. M. B. Hodskins, "Antitoxins."
 May 2, Dr. A. C. Getchell, "Tuberculosis."

CLERGYMEN WHO HAVE HELD SERVICE.

Rev. William Hart.
 Rev. F. S. Brewer.
 Rev. Chas. W. Williams.
 Rev. Geo. A. Andrews.

Rev. C. J. Sniffen.
 Rev. Francis W. Gibbs.
 Rev. Abram Conklin.

AMUSEMENTS.

Dances, 50; masquerade, 1; readings and impersonations, 3; illustrated lectures, 6; moving pictures, 1; excursions to the lake, 22; excursions to fair, 2; dancing school, 26; physical culture classes, 9.

AUTOPSIES AND FINDINGS.

No. 574. — Male. Autopsy, March 14, 1908. Cerebral hemorrhage; œdema of lungs.

No. 981. — Male. Autopsy, Dec. 30, 1907. Tuberculosis of lungs; chronic nephritis; acute cystitis.

No. 318. — Male. Autopsy, March 11, 1908. Pulmonary tuberculosis; interstitial nephritis; œdema of lungs.

No. 1530. — Male. Autopsy, May 5, 1908. Œdema of lungs; contracted transverse colon.

No. 258. — Male. Autopsy, Jan. 5, 1908. Sclerosis of left internal capsule; œdema of lungs; chronic nephritis.

No. 624. — Male. Autopsy, Jan. 11, 1908. Œdema of lungs; gastric ulcer (healed).

No. 1048. — Male. Autopsy, Sept. 27, 1908. Cerebral hemorrhage; chronic nephritis; œdema of lungs.

No. 1332. — Male. Autopsy, Nov. 23, 1907. Œdema of lungs.

No. 1537. — Male. Autopsy, Sept. 6, 1908. Œdema of lungs.

No. 1095. — Male. Autopsy, Aug. 19, 1908. Œdema and hypostatic congestion of the lungs.

No. 1012. — Male. Autopsy, Oct. 30, 1908. Œdema and hypostatic congestion of the lungs.

No. 338. — Male. Autopsy, May 11, 1908. Pulmonary tuberculosis; œdema of lungs.

No. 446. — Male. Autopsy, Aug. 20, 1908. Cerebral hemorrhage; œdema of lungs.

No. 1543. — Male. Autopsy, July 25, 1908. Œdema and hypostatic congestion of the lungs.

No. 896. — Male. Autopsy, May 3, 1908. Chronic nephritis; hypertrophy of the heart; œdema of lungs.

No. 451. — Male. Autopsy, March 27, 1908. Hypostatic congestion and œdema of lungs; chronic hydrocephalus.

No. 1148. — Male. Autopsy, March 21, 1908. Cerebral hemorrhage; chronic nephritis; hypertrophy of heart.

No. 112. — Female. Autopsy, March 16, 1908. General peritonitis, acute; duodenal ulcer (perforated); acute splenitis.

No. 1457. — Female. Autopsy, Sept. 2, 1908. Hypostatic congestion and œdema of lungs.

No. 472. — Female. Autopsy, July 19, 1908. Œdema of lungs; chronic nephritis; hypertrophy of heart.

No. 568. — Female. Autopsy, Nov. 4, 1907. Hypostatic congestion of lungs; chronic cholecystitis; cerebral hemorrhage.

No. 345. — Female. Autopsy, Jan. 25, 1908. Œdema of lungs; chronic nephritis; hypertrophy of heart.

No. 1007. — Female. Autopsy, April 13, 1908. Œdema and hypostatic congestion of the lungs.

No. 1469. — Female. Autopsy, April 25, 1908. Brain tumor; chronic nephritis; œdema of the lungs.

No. 1113. — Female. Autopsy, April 19, 1908. Œdema of lungs; chronic hydrocephalus.

No. 198. — Female. Autopsy, Nov. 7, 1907. Œdema of lungs; cyst of right ovary; acute splenitis.

No. 619. — Female. Autopsy, Nov. 13, 1908. Hypostatic congestion and œdema of lungs; chronic nephritis; fibroids of uterus.

No. 1309. — Female. Autopsy, Dec. 1, 1907. Hypoplasia of heart and arterial system; œdema of lungs; pleuritic adhesions; cerebral sclerosis (?); cyst of right ovary.

No. 525. — Female. Autopsy, Dec. 6, 1907. Œdema of lungs; cerebral sclerosis; chronic hydrocephalus.

No. 72. — Female. Autopsy, Dec. 18, 1907. Œdema of lungs; acute peritonitis; gastric ulcer (perforated).

No. 1125. — Female. Autopsy, Jan. 17, 1908. Pulmonary tuberculosis; acute splenitis.

No. 842. — Female. Autopsy, Sept. 7, 1908. Œdema of lungs; acute splenitis; cloudy swelling of kidneys.

OPERATIONS.

Transplantation of flexor carpi ulnaris to extensors of fingers and thumb.

Transference of posterior-tibial through interosseous membrane to osseous insertion on upper side of cuboid.

Correction of equino-varus and transference of anterior tibial.

Transference of tendon in fore arm.

Fasciotomy, myotomy and transference of flexor carpi ulnaris.

Correction of equino-varus.

Correction of extreme equinus.

Section of iliofemoral band, adductors, hamstring and tendo-Achillis.

Tonsilotomy.

List of Graduates.

NAMES.	Class.	Occupation.	Address.
Fannie C. Cronin, . . .	1901,	Massachusetts Hospital for Epileptics, supervisor.	Palmer.
Mary E. Kilduff, . . .	1901,	Private nursing,	Springfield.
Emma S. McKeever, . . .	1901,	At State Farm,	State Farm.
Julia A. O'Brien, . . .	1901,	Private nursing,	22 Kenilworth St., Roxbury.
Edith E. B. Townsend,	1901,	Married,	Bragville, Me.
Carroll W. Briggs, . . .	1902,	At Boston City Hospital, . . .	Boston.
A. M. D. Manwarring, . .	1902,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Edwin S. Manwarring,	1902,	Supervisor, Massachusetts Hospital for Epileptics.	Palmer.
James L. McKeever, . . .	1902,	At State Farm,	State Farm.
Walter L. McKeever, . . .	1902,	- - -	Middletown, Conn.
Hattie Edith Rowe, . . .	1902,	Private nursing,	Georgetown, Me.
Alice B. Smith,	1902,	Bookkeeping,	27 Newburn Avenue, Medford.
Marguerite Casey, . . .	1903,	Private nursing,	Burlington, Vt.
Catherine Daley,	1903,	Connecticut Hospital for Insane,	Middletown, Conn.
Georgie A. Nute,	1903,	At Stamford Hall,	Stamford, Conn.
George J. Flint,	1903,	- - -	- -
Mae D. Brown,	1905,	- - -	Portland, Me.
Annie A. Caldwell, . . .	1905,	Private nursing,	Springfield.
Louis A. Fontaine, . . .	1905,	- - -	Palmer, Mass.
Frank L. Morway,	1905,	Apothecary, Massachusetts Hospital for Epileptics.	Palmer.
Christine McClellan, . .	1906,	Married,	Prince Edward Island.
Theresa A. Brown,	1907,	- - -	- -
Mary G. Hancock,	1907,	Private nursing,	Holyoke.
Elizabeth McCarthy, . .	1907,	Head nurse, Massachusetts Hospital for Epileptics.	Palmer.
Mary Anna Woodward,	1907,	- - -	Syracuse, N. Y.
Samuel E. Chase,	1907,	Assistant supervisor, Massachusetts Hospital for Epileptics.	Palmer.
William L. Paine,	1907,	Attendant, Massachusetts Hospital for Epileptics.	Palmer.
Edith M. Brooks,	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Eva G. Caldwell,	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Mary J. Caldwell,	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Susan E. Crumb,	1908,	- - -	- -
Daisy I. Dowling,	1908,	Private nursing,	Brockton.
Olla G. Dowling,	1908,	Private nursing,	Boston.
Dora L. Jacques,	1908,	Private nursing,	Holyoke.

List of Graduates — Concluded.

NAMES.	Class.	Occupation.	Address.
Agnes M. Millen, . .	1908,	- - -	Syracuse, N. Y.
Anna L. Millen, . .	1908,	- - -	- -
Katherine C. Murray, .	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.
Mae P. Leeman, . .	1908,	Nurse, Massachusetts Hospital for Epileptics.	Palmer.

The nurses have worked away from the hospital 303 $\frac{1}{4}$ days.

Respectfully submitted,

EVERETT FLOOD, M.D.,
Superintendent.

GENERAL INFORMATION.

METHODS OF ADMISSION.

The methods by which patients are admitted to this hospital are as follows:—

1. The regular insane commitment, such as is used at the insane hospitals.

2. The sane indigent; in this case the approval of a judge is required, in addition to the physicians' certificates and the notification of the town authorities.

3. The sane private, in which two sureties are required to sign the patient's application.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood, and can be complied with easily.

PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

LOCATION.

The hospital is located in the town of Monson, but less than one mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.70.

ARTICLES MADE AND REPAIRED IN THE SEWING ROOM.

MADE.			
Gingham aprons,	85	Mattress protectors,	153
Aprons,	499	Table napkins,	465
Bibs,	435	Curtains,	108
Bureau scarfs,	179	Denim curtains,	3
Bags,	41	Suits,	13
Burial robes,	10	Bed socks,	15
Chestnut bag,	1	Night gowns,	733
Barber aprons,	3	Shirts,	39
Bath robes,	8	Dispensary aprons,	6
Corset covers,	217	Pillow slips,	94
Petticoats,	135	Vests,	21
Dresses,	316	Holders,	21
Night shirts,	279	Rubber pillow covers,	20
Towels,	2,706	Sheets,	29
Mittens, pairs,	367	Jumpers,	38
Coats,	194	Dusters,	48
Overalls, pairs,	77	Chemises,	118
Rugs,	114	Skirts,	2
Drawers, pairs,	259	Photo bags,	6
Tray cloths,	72	Hot-water bottle covers,	17
Garters, pairs,	458	Blankets,	57
Tick pillow covers,	7	Sofa pillows,	3
Kitchen aprons,	44	Bandages,	6
Pants, pairs,	113	Stand or table covers,	20
Suspenders, pairs,	234	Couch cover,	1
Long night shirts,	44	Ties,	6
Table cloths,	182	Cushions,	2
Diapers,	30	Jacket ties,	20
Typewriter cover,	1	Garter waists,	6
Toilet napkins,	43	Mangle covers,	1
Laundry bags,	85	Buttons,	10
Shirt waists,	25		
Masquerade costumes,	12	REPAIRED.	
Caps,	124	Coats,	356
Piano cover,	1	Chemises,	3
Gymnasium suits,	9	Waists,	6
		Dresses,	155

Hose, pairs,	4,655	Curtains,	10
Bibs,	77	Night gowns,	63
Overcoats,	13	Table cloths,	12
Pants, pairs,	771	Blouses,	6
Aprons,	135	Pillow slips,	2
Overalls, pairs,	415	Waists,	6
Jumpers,	268	Bed ticks,	7
Night shirts,	373	Blankets,	55
Men's suits,	8	Petticoats,	51
Dispensary aprons,	10	Sweaters,	2
Towels,	84	Union suits,	3
Laundry bag,	52	Corset covers,	5
Horse blanket,	1	Skirts,	11
Tick suspenders,	26	Bag,	1
Drawers, pairs,	533	Flags,	2
Shirts,	866	Bath robe,	1
Bedspreads,	42	Hoods,	34
Fine under linen, pieces,	3	Vests,	62
Rugs,	4	Caps,	6
Mattress protectors,	84	Masquerade costumes,	20
Sheets,	29	Restraint jackets,	2

ARTICLES REPAIRED ON THE WARD.

Pants, pairs, . . .	948	Bibs,	37
Coats,	533	Laundry bags, . . .	14
Shirts,	1,174	Night shirts, . . .	39
Drawers, pairs, . . .	519	Towels,	10
Vests,	81	Hose, pairs,	7
Balls made,	23	Pillow slips,	2
Aprons,	87	Ties,	3

ARTICLES MADE AND REPAIRED IN THE INDUSTRIAL ROOM.

Men's slippers made, pairs, 463	Shoes repaired, pairs, . 1,702
Men's shoes made, pairs, . 4	Shoes marked, pairs, . 159
Women's shoes made, pairs, 10	Mattresses made over, . 146
Rope rugs made, . . 26	Umbrellas repaired, . . 127
Office envelopes made, . 1,150	Chairs reseated, . . 63
Head marks for cemetery	Pillows renovated, . . 538
carved, 9	Parts of harnesses repaired, 24
Greenhouse marker made, 2,300	Barber chairs repaired, . 3
Coat hangers made, . . 114	Rugs repaired, . . 10
Door plate carved, . . 3	Screens repaired, . . 15
Numbers carved, . . 236	Camp stools repaired, . 10
Brooms made, . . . 71	Hassocks repaired, . . 2
Pill envelopes made, . 1,200	Bells repaired, . . 3
Blanks printed, . . 10,900	Carpets repaired, . . 1
Copies of lectures, rules,	Fire escapes repaired, . 2
essays, etc., printed, . 3,600	Truss repaired, . . 1
Note heads printed, . 13,000	Baseball mittens repaired, 1
Envelopes printed, . . 700	Baseballs repaired, . . 10
Names printed, . . 38	Broom handles sand pa-
Woolen coats cut, . . 27	pered, 900
Woolen trousers cut, . 22	Dust brooms reseeded, . 60
Woolen vests cut, . . 23	Chairs repaired, . . 12
Denim coats cut, . . 85	Barber footstools repaired, 2
Denim trousers cut, pairs, 141	Basket repaired, . . 1
Denim vests, . . . 3	Morris chair cushion re-
Summer coats, . . . 80	paired, 1
Overalls made, pairs, . 110	Gloves repaired, pairs, . 3
Patterns drafted, coat, . 24	Curtains hung, . . 8
Patterns drafted, trousers, 15	Suspenders repaired, pairs, 5
Patterns drafted, vests, . 25	

FARM PRODUCTS.

FROM DEC. 1, 1907, TO DEC. 1, 1908.

Apples, cider, 177 bushels, at \$0.10,	\$17 70
Apples, crab, 34 bushels, at \$1,	34 00
Apples, eating, 277 barrels, at \$3,	831 00
Beans, field, 4 bushels, at \$2.25,	10 00
Beans, green shell, 58 bushels, at \$1.25,	72 50
Beans, string, 75 bushels, at \$1.25,	93 75
Beef, 1,109 pounds, at \$0.07,	77 63
Beets, 149 bushels, at \$0.50,	74 50
Beet greens, 44 bushels, at \$0.35,	15 40
Cabbage, 2,500 heads, at \$5 per hundred head,	125 00
Carrots, 329 bushels, at \$0.50,	164 50
Cider, 380 gallons, at \$0.10,	38 00
Corn, husked, 892 bushels, at \$0.50,	446 00
Corn, sweet, 316 bushels, at \$0.75,	237 00
Cucumbers, 45 boxes, at \$1.50,	67 50
Cucumbers, pickling, 16 bushels, at \$1.60,	25 60
Currants, 212 quarts, at \$0.11,	23 32
Ensilage, 475 tons, at \$3,	1,425 00
Fodder, green, 225 tons, at \$6,	1,350 00
Hay, 212 tons, at \$16,	3,392 00
Hay, meadow, 18 tons, at \$10,	180 00
* Hay, oat, 35 tons, at \$14,	490 00
Lamb, 754 pounds, at \$0.10,	75 40
Lettuce, 44½ dozen bunches, at \$0.60,	26 70
Milk, 278,887 quarts, at \$0.05,	13,944 35
Mutton, 1,501 pounds, at \$0.08,	120 08
Onions, 135 bushels, at \$0.85,	114 75
Parsnips, 400 bushels, at \$0.75,	300 00
Pears, 27 bushels, at \$1,	27 00
Peas, green, 30 bushels, at \$1,	30 00
Peppers, 3½ bushels, at \$0.75,	2 63
Pork, 9,053 pounds, at \$0.08,	724 24
Potatoes, 802 bushels, at \$0.80,	641 60

Amount carried forward, \$25,197 15

<i>Amount brought forward,</i>									\$25,197 15
Pumpkins, 1,200 pounds, at \$0.03,									36 00
Radishes, 2,765 dozen bunches, at \$0.40 dozen bunches,									1,106 00
Radish, horse, 3 bushels, at \$0.50,									1 50
Rhubarb, 3,496 pounds, at \$0.02,									69 92
Squash, summer, 40 barrels, at \$1,									40 00
Squash, winter, 106 barrels, at \$1.50,									159 00
Tomatoes, green, 95 bushels, at \$0.50,									47 50
Tomatoes, ripe, 148 bushels, at \$0.75,									101 00
Turnips, 89 barrels, at \$1,									89 00
Veal, 146½ pounds, at \$0.11,									16 12

PRODUCTS FROM THE GREENHOUSE.

Asparagus, 3 boxes, at \$3,									9 00
Beans, string, 9 bushels, at \$1.25,									11 25
Beets, 2½ bushels, at \$0.50,									1 25
Cabbage, 570 heads, at \$0.05,									28 50
Carrots, 4 bushels, at \$0.50,									2 00
Celery, 80 boxes, at \$0.85,									68 00
Corn, 31 bushels, at \$0.75,									23 25
Cucumbers, 35 boxes, at \$1.50,									52 50
Cucumbers, pickling, 3 pecks, at \$0.40,									1 20
Eggs, 531 dozen, at \$0.35,									185 85
Fowls, 29 pounds, at \$0.15,									4 35
Greens, dandelions, 13 bushels, at \$0.75,									9 75
Lettuce, 13 boxes, at \$0.60,									7 80
Onions, 1 bushel, at \$0.85,									85
Peas, 1½ bushels, at \$1,									1 50
Radishes, 12 dozen bunches, at \$0.40 dozen bunches,									4 80
Rhubarb, 12 pounds, at \$0.02,									24
Squash, summer, 2½ barrels, at \$1,									2 50
Tomatoes, green, 9 bushels, at \$0.50,									4 50
Tomatoes, ripe, 11 bushels, at \$0.75,									8 25
Cut flowers,									100 00
Plants,									200 00

 \$27,590 53

LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR
EPILEPTICS.

Superintendent, per year,	\$3,000 00
Assistant physician, per year,	1,500 00
Assistant physician, per year,	1,000 00
Assistant physician, per year,	1,000 00
Assistant physician, per year,	600 00
Steward, per year,	1,200 00
Engineer, per year,	1,100 00
Treasurer, per year,	900 00
Clerk, per month,	30 00
Office assistants (2), per month,	\$20 00-25 00
Supervisors (women, 2), per month,	35 00-40 00
Assistant supervisor (woman), per month,	35 00
Supervisor (man), per month,	45 00
Supervisor (man), per month,	40 00
Assistant supervisors (men, 2), per month,	\$35 00-37 00
Night nurses (women, 8), per month,	20 00-30 00
Nurses (women, 25), per month,	20 00-30 00
Night nurses (men, 8), per month,	25 00-35 00
Nurses (men, 30), per month,	25 00-35 00
Assistant engineer, per month,	57 17
Assistant engineer, per month,	35 00
Assistant engineers (2), per day,	\$1 50-1 85
Firemen (3), per day,	1 50-1 85
Baker, per month,	60 00
Kitchen men (2), per month,	\$23 00-25 00
Store assistants (2), per month,	34 00-40 00
Cooks (5), per month,	27 00-35 00
Assistant cooks (10), per month,	18 00-20 00
Table girls (4), per month,	18 00-20 00

Assistant seamstresses (5), per month,	. . .	\$16 00—18 00
Laundress, per month,	. . . . .	22 00
Laundryman, per month,	. . . . .	40 00
Assistant laundresses (5), per month,	. . .	\$16 00—18 00
Farmer, per month,	. . . . .	75 00
Assistant farmers (18), per month,	. . . . .	\$23 00—35 00
Head carpenter, per day,	. . . . .	3 00
Assistant carpenters (2), per day,	. . . . .	2 50
Painter, without board, per day,	. . . . .	2 50
Painter, per month,	. . . . .	40 00
Mason, per month,	. . . . .	65 00

TREASURER'S REPORT.

To the Trustees of the Massachusetts Hospital for Epileptics.

The report of the finances of this institution for the year ending Nov. 30, 1908, is herewith respectfully submitted.

ASSETS.

Real estate: —

Cultivated land, 113 acres,	\$17,311 00
Woodland, 21 acres,	1,465 00
Pasturage, 104 acres,	4,487 00

Farm (under appropriation of 1901), viz.: —

Cultivated land, 40 acres,	1,600 00
Woodland, 50 acres,	1,100 00
Pasturage, 30 acres,	300 00

Farm (under appropriation of 1903), viz.: —

Cultivated land, 53 acres,	1,219 00
Woodland, 190 acres,	2,850 00
Pasturage, 57 acres,	855 00
Water and sewerage system,	38,947 94
Outside electric lighting (farm group),	800 00
Quarry,	450 00

\$71,384 94

Buildings: —

Original buildings,	\$39,620 00
Building (under appropriation of 1895),	84,800 00
Buildings (under appropriation of 1899),	87,933 35
Nurses' home, } (under appropriation	
Electric building, } of 1902),	26,345 00
Boiler house (under appropriation of 1900),	5,050 00
Laundry (under appropriation of 1901),	9,500 00
Coal trestle, woodwork,	250 00
Greenhouses and hen houses,	2,600 00

Amounts carried forward,	\$256,098 35	\$71,384 94
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<i>Amounts brought forward,</i>		\$256,098 35	\$71,384 94
Farm group (under appropriation of 1903), viz.:—			
Nos. 1 and 2,	27,957 52		
No. 3,	6,248 38		
Barns,	2,827 97		
Farm cottage and barns (under appropriation of 1901),	2,400 00		
Storehouse,	1,963 19		
Chas. A. Clough building,	75,000 00		
Stone crusher (under appropriation of 1906),	2,000 00		
New building, women's south,	75,000 00		
Horse stable (under appropriation of 1907),	6,000 00		
Building for male nurses (under appropriation of 1908),	3,508 83		
			459,004 24
Personal property:—			
Provisions and groceries,	\$1,773 42		
Ready-made clothing,	2,433 25		
Dry goods:—			
For clothing,	1,339 77		
For bedding,	1,168 62		
Furnishings:—			
Beds and bedding in inmates' department,	19,274 41		
Other furnishings in inmates' department,	29,711 62		
Personal property of State in superintendent's department,	8,257 16		
All other property,	7,699 93		
Heat, light and power:—			
Fuel,	7,037 92		
All other property,	687 20		
Repairs and improvements:—			
Machinery and mechanical fixtures,	47,550 97		
All other property,	1,443 45		
Farm, stable and grounds:—			
Live stock on the farm,	11,047 20		
Produce of the farm on hand,	4,034 85		
Carriages and agricultural implements,	4,506 85		
All other property,	2,690 81		
<i>Amounts carried forward,</i>	\$150,657 43	\$530,389 18	

Amounts brought forward, . . . \$150,657 43 \$530,389 18

Miscellaneous:—

Drugs and medicines,	2,383 90	
Tobacco,	69 39	
Library,	1,075 00	
Other supplies undistributed, . .	3,969 21	
	<hr/>	158,154 93
Total,		<hr/> \$688,544 11

RECEIPTS.

Cash on hand Dec. 1, 1907, \$4,000 00

Received from State on special appropriations:—

Building and furnishings, 1906, . .	\$17,059 72	
Alterations, etc., 1907,	1,717 93	
Constructing silos, 1907,	7 80	
Horse stable, 1907,	1,877 24	
Building for male employees, 1908, .	2,937 70	
Finishing rooms for female employees, 1908,	131 01	
Moving barn, 1908,	500 00	
Ensilage cutter and motor, 1908, . .	300 00	
Bread oven, 1908,	1,333 35	
Total from special appropriations, .	<hr/>	25,864 75

Received from State for maintenance, . \$151,468 14

Received from cities and towns for support of patients, 39,408 03

Received from individuals for support of patients, 9,210 28

Received from reimbursements for support of patients, 1,261 26

Received from soldiers' relief for support of patients, 169 92

Received from farm and farm produce, . 324 87

Received from store, 583 24

Received from interest on bank deposit, . 218 23

Received from sundries, 209 75

202,853 72

Total receipts, \$232,718 47

EXPENDITURES.

Salaries, wages and labor, \$61,431 86

Food:—

Butter,	\$5,650 79	
Beans,	171 33	
Bread and crackers,	339 80	
Cereals, rice, meal, etc.,	1,615 27	
Cheese,	140 86	
Eggs,	2,262 19	
Flour,	4,369 85	
Fish,	1,327 49	
Dried and fresh fruit,	1,350 03	
Meats,	9,105 89	
Milk,	5 60	
Molasses and syrup,	443 63	
Sugar,	2,144 94	
Tea, coffee, broma and cocoa,	630 60	
Vegetables,	1,465 37	
Sundries,	1,458 19	
Freight on food,	136 52	
		<hr/>
		32,618 35

Clothing and clothing material:—

Boots, shoes and rubbers,	\$591 59	
Clothing,	1,620 83	
Dry goods for clothing, and small wares,	1,498 16	
Furnishing goods,	61 14	
Hats and caps,	47 25	
Leather and shoe findings,	378 43	
Sundries,	64 63	
Freight on clothing and clothing material,	17 88	
		<hr/>
		4,279 91

Furnishings:—

Beds, bedding, table linen, etc.,	\$1,700 79	
Brushes, brooms, etc.,	333 53	
Carpets, rugs, etc.,	593 16	
Crockery, glassware, cutlery, etc.,	919 18	
Furniture and upholstery,	895 72	
Kitchen furnishings,	424 92	
Wooden ware, buckets, pails, etc.,	175 39	
Sundries,	471 38	
Freight on furnishings,	38 45	
		<hr/>
		5,552 52

Amount carried forward, \$103,882 64

Amount brought forward, \$103,882 64

Heat, light and power:—

Coal,	\$13,642 09
Gas,	4 00
Oil,	119 57
Sundries,	27 34

13,793 00

Repairs and improvements:—

Brick,	\$127 00
Cement, lime and plaster,	242 93
Doors, sashes, etc.,	56 04
Electrical work and supplies,	1,030 87
Hardware, iron, steel, etc.,	878 37
Lumber,	919 17
Machinery, etc.,	759 73
Paints, oils, glass, etc.,	1,580 90
Plumbing, steam fitting and supplies,	2,599 41
Roofing and materials,	6 25
Mechanics and laborers (not on pay roll),	515 31
Sundries,	248 43
Freight on repairs and improvements,	236 34

9,200 75

Miscellaneous:—

Books, periodicals, etc.,	\$206 40
Chapel services and entertainments,	1,297 61
Freight, expressage and transportation,	536 28
Funeral expenses,	199 50
Gratuities,	105 22
Hose, etc.,	233 95
Ice,	277 62
Labor (not on pay roll),	1,412 94
Medicines and hospital supplies,	1,952 82
Medical attendance, nurses, etc. (extra),	58 12
Postage,	364 83
Printing and printing supplies,	16 08
Return of runaways,	77 41
Soap and laundry supplies,	1,348 93
Stationery and office supplies,	383 43
School books and school supplies,	10
Travel and expenses (officials),	459 05
Telephone and telegraph,	149 79
Tobacco,	686 91
Water,	1,036 19

Amounts carried forward, \$10,803 18 \$126,876 39

<i>Amounts brought forward,</i>	\$10,803 18	\$126,876 39
Sundries,	640 38	
Printing annual report,	147 96	
Freight on miscellaneous,	78 05	
	<hr/>	11,669 57

Farm, stable and grounds:—

Blacksmith and supplies,	\$459 05	
Carriages, wagons, etc., and repairs,	562 11	
Fertilizers, vines, seeds, etc.,	633 62	
Hay, grain, etc.,	7,702 10	
Harnesses and repairs,	98 00	
Horses,	275 00	
Cows,	654 15	
Other live stock,	65 60	
Labor (not on pay roll),	1,521 43	
Rent,	20 00	
Tools, farm machines, etc.,	442 90	
Sundries,	292 13	
Freight,	196 09	
	<hr/>	12,922 18

Total expense for maintenance,	\$151,468 14
Other expenses on special appropriations,	25,864 75
Paid State Treasurer,	51,280 60
Refunded to individuals,	104 98

Total expenditures,	\$228,718 47
Cash on hand Nov. 30, 1908,	4,000 00
	<hr/>
	\$232,718 47

RESOURCES.

Cash on hand Dec. 1, 1908,	\$4,000 00	
Balance of maintenance with State Treasurer,	4,739 27	
Bills receivable for board,	13,022 56	
Other bills receivable,	62 24	
Unexpended special appropriations,	9,707 83	
	<hr/>	\$31,531 90

LIABILITIES.

Salaries unpaid,	\$4,955 61	
Maintenance bills,	3,780 28	
Special appropriations, bills,	923 83	
	<hr/>	9,659 72
Resources over liabilities,		\$21,872 18

Statement of Appropriations.

	Amount.	Expended previously.	Expended Last Twelve Months.	Balance.
Building and furnishings, 1906,	\$80,000 00	\$62,605 56	\$17,059 72	\$334 72
Alterations, etc., 1907,	3,400 00	849 10	1,717 93	832 97
Constructing silos, 1907,	1,100 00	—	7 80	1,092 20
Horse stable, 1907,	6,000 00	4,122 76	1,877 24	—
Building for male employees, 1908, . . .	5,900 00	—	2,937 70	2,962 30
Finishing rooms for female employees, 1908,	3,900 00	—	131 01	3,768 99
Moving barn, 1908,	500 00	—	500 00	—
Ensilage cutter and motor, 1908, . . .	850 00	—	300 00	550 00
Renewal of heating pipes, 1908, . . .	350 00	—	—	350 00
Bread oven, 1908,	1,500 00	—	1,333 35	166 65
	<u>\$103,500 00</u>	<u>\$67,577 42</u>	<u>\$25,864 75</u>	<u>\$10,057 83</u>

NURSES' TRAINING SCHOOL FUND.

Balance on hand Nov. 30, 1907,	\$219 35
Twelve months' receipts,	618 55
	<u>\$837 90</u>
Twelve months' payments,	452 36
	<u>\$385 54</u>

Investment.

Deposited in Palmer National Bank,	\$70 72
Deposited in Palmer Savings Bank,	300 00
Cash in vault at hospital,	14 82
	<u>\$385 54</u>

PATIENTS' MONEY.

Balance on hand Nov. 30, 1907,	\$770 56
Twelve months' receipts,	2,193 08
	<u>\$2,963 64</u>
Twelve months' payments,	2,263 79
	<u>\$699 85</u>

Investment.

Deposited in Palmer Savings Bank,	\$535 94
Deposited in Palmer National Bank,	34 29
Cash in vault at hospital,	129 62

 \$699 85

Respectfully submitted,

WALTER E. HATCH,

Treasurer.

This certifies that I have compared the treasurer's report for the year ending Nov. 30, 1908, with the books kept at the institution, and find them to agree. The cash account shows a balance in the treasurer's hands of \$4,000, as follows:—

Deposited in Palmer National Bank,	\$2,650 13
Cash vouchers, etc., not entered,	1,252 90
Cash in safe at hospital,	96 97
	<hr/>
	\$4,000 00

DEC. 18, 1908.

GEORGE L. CLARK,

Examiner.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the hospital Oct. 1, 1907, Admitted within the year.									
Viz.: by commitment,	156	135	291	146	133	279	302	268	570
by transfer,	67	39	106	103	73	176	170	112	282
from escape,	63	37	100	74	55	129	137	92	229
from visit,	2	—	2	5	—	5	2	—	2
Dismissed, during year,	2	2	4	24	18	42	5	5 ¹	10
Discharged,	223	174	397	249	206	455	26	20	46
as recovered,	24	23	47	68	51	119	92	74	166
as capable of self-support,	6	4	10	36	17	53	42	21	63
as improved,	—	—	—	—	—	—	—	—	—
as not improved,	6	4	10	32	16	48	38	20	58
Died,	12	14	26	4	1	5	4	1	5
Transferred,	—	—	—	11	10	21	23	24	47
Escaped,	1	—	1	—	—	—	5	—	5
On visit Oct. 1, 1908,	5	5	10	17	24	41	22	29	51
Patients remaining Sept. 30, 1908,	199	151	350	181	155	336	380	306	686
Viz.: State patients,	187	146	333	46	41	87	233	187	420
town patients,	—	—	—	116	107	223	116	107	223
private patients,	3	3	6	19	7	26	22	10	32
reimbursing patients,	9	2	11	—	—	—	9	2	11
Number of different persons within the year,	221	172	393	227	196	423	248	368	616 ²
Number of different persons admitted,	63	37	100	83	63	146	146	100	246
Number of different persons admitted by commitment,	63	37	100	74	55	129	137	92	229
Number of different persons dismissed,	22	21	43	49	41	90	71	62	133
Number of different persons discharged capable of self-support,	—	—	—	—	—	—	—	—	—
Daily average number of patients,	178.34	145.78	324.12	166.06	148.05	314.11	344.40	293.83	638.23
Viz.: state patients,	168.30	141.90	310.20	32.23	32.83	66.06	201.53	174.73	376.26
town patients,	—	—	—	113.72	106.91	220.63	113.72	106.91	220.63
private patients,	3	2.34	5.34	19.11	8.31	27.42	22.11	10.65	32.76
reimbursing patients,	7.04	1.54	8.58	—	—	—	7.04	1.54	8.58

¹ Nominally admitted to discharge; insane: males, 2; females, 19; sane: males, 10; total, 29; females, 12; total, 33.

² Two males discharged as sane and readmitted as insane. One male discharged and recommitment as sane.

2. — *Received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital,	60	37	97	66	49	115	126	86	212
Second to this hospital,	1	—	1	8	5	13	9	5	14
Third to this hospital,	2	—	2	—	1	1	2	1	3
Total cases,	63	37	100	74	55	129	137	92	229
Total persons,	63	37	100	74	55	129	137	92	229
First admitted to any hospital,	58	33	91	63	46	109	121	79	200

3.—*Nativity and Percentage of Persons first admitted to Any Hospital.*

	INSANE.									SANE.									TOTALS.									
	MALES.			FEMALES.			TOTALS.			MALES.			FEMALES.			TOTALS.			MALES.			FEMALES.			TOTALS.			
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	
Massachusetts,	41	15	14	71	24	25	40	15	16	8	70	24	24	24	8	30	3	4	6	9	16	19	10	16	141	48	49	
Other New England States,	4	4	4	6	7	7	13	12	13	6	9	16	19	10	16	3	4	4	6	9	16	17	5	7	15	23	26	
Other States,	2	4	4	2	9	9	4	3	1	2	6	9	2	6	2	2	6	2	2	6	9	4	2	11	7	8	18	11
Total native,	47	23	22	79	40	41	50	30	29	35	19	16	85	49	45	97	53	51	67	36	35	60	18	19	141	48	49	
Other countries: —																												
Azores,	1	8	9	6	13	10	3	5	8	5	8	11	8	13	19	9	13	17	5	13	12	19	5	7	14	26	29	
Canada,	6	5	4	1	6	5	4	6	3	1	4	1	2	10	4	4	11	7	1	5	2	12	12	14	5	16	9	
England,	1	1	1	1	1	1	2	6	5	1	4	1	2	6	5	2	7	6	1	5	2	7	2	2	2	7	6	
Germany,	1	8	9	11	15	11	1	10	11	3	8	10	4	18	21	1	18	20	3	11	16	4	3	11	16	4	29	
Ireland,	1	2	2	1	3	3	2	2	2	2	2	2	2	4	4	3	4	4	3	3	3	3	3	3	3	6	7	
Italy,	1	3	3	1	3	3	1	2	2	1	1	1	2	3	3	2	5	5	1	1	4	4	1	1	3	6	7	
Russia,	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	6	5	
Scotland,	1	2	2	1	2	2	1	1	1	1	2	2	1	2	2	1	2	2	3	3	3	3	3	3	3	6	7	
Sweden,	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	2	2	2	2	2	1	3	3	
Switzerland,	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	3	3	
West Indies,	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	3	3	
Total foreign,	9	32	32	9	42	41	13	31	32	11	26	29	24	57	61	22	63	64	64	11	36	38	33	33	99	102	102	
Unknown,	2	3	4	3	9	9	—	2	2	—	1	1	—	3	3	2	5	6	6	7	7	6	6	7	12	12	12	
Totals,	58	58	58	91	91	91	63	63	63	46	46	46	109	109	109	121	121	121	121	79	79	79	200	200	200	200	200	

4. — Residence of Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Barnstable County, . . .	1	—	1	—	—	—	1	—	1
Berkshire County, . . .	—	2	2	—	1	1	—	3	3
Bristol County, . . .	—	—	—	—	1	1	—	1	1
Essex County, . . .	5	2	7	—	—	—	5	2	7
Franklin County, . . .	2	—	2	—	—	—	2	—	2
Hampden County, . . .	3	1	4	1	—	1	4	1	5
Hampshire County, . . .	2	—	2	—	—	—	2	—	2
Middlesex County, . . .	12	11	23	1	—	1	13	11	24
Nantucket County, . . .	—	1	1	—	—	—	—	1	1
Norfolk County, . . .	—	—	—	—	—	—	—	—	—
Plymouth County, . . .	1	2	3	—	—	—	1	2	3
Suffolk County, . . .	23	11	34	1	1	2	24	12	36
Worcester County, . . .	9	2	11	2	1	3	11	3	14
Unknown, . . .	—	1	1	—	—	—	—	1	1
Totals, . . .	58	33	91	5	4	9	63	37	100
Cities or large towns (10,000 or over), . . .	36	17	53	5	4	9	41	21	62
Country districts (under 10,000), . . .	22	15	37	—	—	—	22	15	38
Unknown, . . .	—	1	1	—	—	—	—	1	1
B. — Sane: —									
Barnstable County, . . .	1	—	1	—	—	—	1	—	1
Berkshire County, . . .	—	3	3	—	—	—	—	3	3
Bristol County, . . .	1	1	2	1	2	3	2	3	5
Essex County, . . .	13	8	21	1	—	1	14	8	22
Franklin County, . . .	—	1	1	1	—	1	1	1	2
Hampden County, . . .	3	4	7	1	—	1	4	4	8
Hampshire County, . . .	1	—	1	—	—	—	1	—	1
Middlesex County, . . .	9	6	15	1	2	3	10	8	18
Norfolk County, . . .	2	4	6	—	—	—	2	4	6
Plymouth County, . . .	1	—	1	—	—	—	1	—	1
Suffolk County, . . .	26	14	40	5	—	5	31	14	45
Worcester County, . . .	6	5	11	1	5	6	7	10	17
Totals, . . .	63	46	109	11	9	20	74	55	129
Cities or large towns (10,000 or over), . . .	43	31	74	9	9	18	52	40	92
Country districts (under 10,000), . . .	20	15	35	2	—	2	22	15	37

5. — Civil Conditions of Persons first admitted to Any Hospital.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried,	55	30	85	54	36	90	109	66	175
Married,	3	—	3	6	8	14	9	8	17
Widowed,	—	3	3	2	1	3	2	4	6
Divorced,	—	—	—	1	1	2	1	1	2
Totals,	58	33	91	63	46	109	121	79	200

6. — *Occupation of Persons first admitted to Any Hospital.*

MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Bookkeeper, . .	—	1	1	Packer, . .	—	2	2
Broom maker, . .	—	1	1	Painter, . .	1	—	1
Candy maker, . .	—	1	1	Peddler, . .	—	2	2
Carriage painter, . .	—	1	1	Printer, . .	1	—	1
Clergyman, . .	—	1	1	Property man, . .	—	1	1
Clerk, . .	—	3	3	Salesman, . .	—	1	1
Farmer, . .	—	2	2	Shoemaker, . .	—	2	2
Gardener, . .	1	—	1	Student, . .	—	5	5
Janitor, . .	—	1	1	Tailor, . .	—	2	2
Laborer, . .	5	3	8	Teamster, . .	—	2	2
Machinist, . .	—	1	1	No occupation, . .	49	26	75
Messenger, . .	—	1	1				
Mill operative, . .	1	4	5	Totals, . .	58	63	121

FEMALES.

Actress, . .	—	1	1	Student, . .	—	2	2
Domestic, . .	1	2	3	No occupation, . .	30	32	62
Housekeeper, . .	1	5	6				
Housewife, . .	1	2	3	Totals, . .	33	46	79
Mill operative, . .	—	2	2				

WIFE OR DAUGHTER OF —

Barber, . .	—	1	1	Laborer, . .	4	3	7
Bookkeeper, . .	—	1	1	Merchant, . .	—	1	1
Carpenter, . .	—	2	2	Miller, . .	—	1	1
Carriage maker, . .	—	1	1	Mill operative, . .	—	1	1
Cigar maker, . .	1	—	1	Minister, . .	—	1	1
Conductor, . .	—	1	1	Orator, . .	1	—	1
Dyer, . .	1	—	1	Proprietor, . .	—	1	1
Farmer, . .	1	2	3	Shoemaker, . .	1	1	2
Florist, . .	—	1	1	Teamster, . .	—	2	2
Foreman, . .	—	1	1	Unknown, . .	23	24	47
Gardener, . .	—	1	1				
Grocer, . .	1	—	1	Totals, . .	33	46	79

7. — *Ages of Epileptics at First Attack, Admission and Death.*

INSANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.			AT FIRST ATTACK OF INSANITY.			AT FIRST ATTACK OF EPILEPSY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	1	14	15	2	10	12	1	5	6	1	1	2
15 years and less,	15	21	36	15	14	29	3	4	7	5	2	7
From 15 to 20 years,	9	2	11	4	6	10	3	3	6	1	1	2
20 to 25 years,	3	3	6	9	2	11	3	2	5	1	1	2
25 to 30 years,	3	3	6	6	2	8	3	1	4	1	1	2
30 to 35 years,	2	3	5	3	2	5	1	1	2	1	1	2
35 to 40 years,	4	3	7	6	3	9	1	1	2	1	1	2
40 to 50 years,	2	3	5	2	3	5	1	2	3	1	1	2
50 to 60 years,	1	1	2	1	1	2	1	2	3	1	1	2
60 to 70 years,	1	1	2	1	1	2	1	2	3	1	1	2
70 to 80 years,	1	1	2	1	1	2	1	2	3	1	1	2
80 to 90 years,	1	1	2	1	1	2	1	1	2	1	1	2
Totals,	56	33	89	21	18	39	12	14	26	9	10	19
Unknown,	2	2	4	37	15	52	2	2	4	3	4	7
Total persons,	58	33	91	58	33	91	12	14	26	12	14	26
Mean known age,	21.11	19.69	20.58	11.90	14.72	13.20	23.54	26.60	25.19	15.	17.25	16.18
							28.33	40.				34.61

8. — Probable Causes of Epilepsy in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical :—												
Dentition, .	3	1	4	—	1	1	—	—	—	—	—	—
Head injury, .	3	2	5	1	—	1	—	1	1	—	—	—
Indigestion, .	—	1	1	—	—	—	—	—	—	—	—	—
Measles, .	1	1	2	—	—	—	1	—	1	—	—	—
Meningitis, .	3	2	5	—	1	1	—	—	—	—	—	—
Rickets, .	1	—	1	—	—	—	—	—	—	—	—	—
Scarlet fever, .	1	1	2	—	—	—	—	—	—	—	—	—
Syphilis, .	1	—	1	—	—	—	—	—	—	—	—	—
Vaccination, .	1	—	1	—	—	—	—	—	—	—	—	—
Whooping cough, .	1	—	1	—	—	—	—	—	—	—	—	—
Alcohol, .	1	1	2	—	—	—	—	—	—	—	—	—
Pneumonia, .	1	—	1	—	—	—	—	—	—	—	—	—
Hemorrhage of navel after birth, .	1	—	1	—	—	—	—	—	—	—	—	—
Totals, .	18	9	27	1	2	3	1	1	2	—	—	—
Unknown, .	40	24	64	4	2	6	—	2	2	—	—	—
Totals, .	58	33	91	5	4	9	1	3	4	—	—	—
<i>Sane.</i>												
Physical :—												
Alcohol, .	1	—	1	—	—	—	—	—	—	—	—	—
Childbirth, .	—	1	1	—	—	—	—	—	—	—	—	—
Fright, .	1	1	2	—	—	—	—	—	—	—	—	—
Head injury, .	5	1	6	—	—	—	—	—	—	—	—	—
Indigestion, .	4	—	4	—	—	—	—	—	—	—	—	—
Meningitis, .	1	2	3	—	—	—	—	—	—	—	—	—
Overwork, .	1	—	1	—	—	—	—	—	—	—	—	—
Traumatism, .	1	—	1	—	—	—	1	—	1	—	—	—
Dentition, .	1	—	1	—	—	—	—	—	—	—	—	—
Diphtheria, .	—	1	1	—	—	—	—	—	—	—	—	—
Totals, .	15	6	21	—	—	—	1	—	1	—	—	—
Unknown, .	48	40	88	11	9	20	1	1	2	—	—	—
Totals, .	63	46	109	11	9	20	2	1	3	—	—	—
Aggregates, .	33	15	48	1	2	3	2	1	3	—	—	—
Unknown, .	88	64	152	15	11	26	1	3	4	—	—	—
Aggregates, .	121	79	200	16	13	29	3	4	7	—	—	—

9. — Probable Duration of Disease before Admission.

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.									
	INSANE.					SANE.				
	INSANITY.			EPILEPSY.		EPILEPSY.			TOTALS.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Totals.
Congenital,	—	—	—	2	—	2	2	—	2	6
Under 1 month,	58	33	91	—	—	—	—	—	—	—
From 1 to 3 months,	—	—	—	1	—	1	—	1	1	2
3 to 6 months,	—	—	—	—	—	—	—	—	—	—
6 to 12 months,	—	—	—	—	1	1	1	2	2	3
1 to 2 years,	—	—	—	2	—	2	2	—	2	5
2 to 5 years,	—	—	—	2	—	2	7	1	9	10
5 to 10 years,	—	—	—	5	9	14	5	4	10	23
10 to 20 years,	—	—	—	4	1	5	7	8	11	20
Over 20 years,	—	—	—	1	2	3	25	18	26	46
Totals,	58	33	91	20	17	37	62	45	82	144
Unknown,	—	—	—	38	16	54	1	1	39	56
Totals,	58	33	91	58	33	91	63	46	121	200
Average known duration in years, . . . . .	.0416	.0416	.0416	8.81	10.16	9.43	15.29	13.81	13.71	13.32

10. — Discharges, classified by Admission and Result as to Epilepsy and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																		
First to this hospital, .	—	—	—	—	—	—	5	4	9	—	—	—	11	14	25	16	18	34
Second to this hospital, .	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1	2	—	2
Third to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases, .	—	—	—	—	—	—	6	4	10	—	—	—	12	14	26	18	18	36
Total persons, .	—	—	—	—	—	—	6	4	10	—	—	—	12	14	26	18	18	36
First admitted to any hospital, .	—	—	—	—	—	—	4	3	7	—	—	—	10	8	18	14	11	25
B. — Sane epileptics : —																		
First to this hospital, .	—	—	—	—	—	—	29	15	44	—	1	5	10	10	20	43	26	69
Second to this hospital, .	—	—	—	—	—	—	3	1	4	—	—	—	—	—	—	3	1	4
Third to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Total cases, .	—	—	—	—	—	—	32	16	48	—	1	5	11	10	21	47	27	74
Total persons, .	—	—	—	—	—	—	32	16	48	—	1	5	11	10	21	47	27	74
First admitted to any hospital, .	—	—	—	—	—	—	24	13	37	—	1	5	9	10	19	33	23	56

11. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system :—									
Epileptic convulsion,	1	1	2	3	—	3	4	1	5
Epilepsy,	2	1	3	—	1	1	2	2	4
Exhaustion from epilepsy,	2	—	2	1	—	1	3	—	3
Status epilepticus,	5	3	8	2	3	5	7	6	13
Tumor of brain,	—	—	—	—	1	1	—	1	1
Respiratory system :—									
Lobar pneumonia,	—	3	3	—	—	—	—	3	3
Lobular pneumonia,	—	—	—	—	3	3	—	3	3
Œdema of lungs,	—	—	—	1	—	1	1	—	1
Pulmonary apoplexy,	—	—	—	1	—	1	1	—	1
Pulmonary œdema,	1	1	2	—	1	1	1	2	3
Pulmonary tuberculosis,	—	1	1	—	—	—	—	1	1
Tubercular pneumonia,	—	1	1	—	—	—	—	1	1
Tuberculosis,	1	—	1	—	—	—	1	—	1
Circulatory system :—									
Chronic endocarditis,	—	1	1	—	—	—	—	1	1
General :—									
Acute peritonitis,	—	2	2	—	—	—	—	2	2
Cirrhosis of liver,	—	—	—	1	—	1	1	—	1
Asphyxia,	—	—	—	2	1	3	2	1	3
Totals,	12	14	26	11	10	21	23	24	47

12. — Deaths, classified by Duration of Disease and Treatment.

INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.									
	DURATION BEFORE ADMISSION.						HOSPITAL RESIDENCE.				WHOLE KNOWN PERIOD OF DISEASE.						WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.			
	INSANITY.			EPILEPSY.			INSANITY.		EPILEPSY.		INSANITY.			EPILEPSY.						
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.					
Congenital,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Under 1 month,	10	8	18	-	-	-	1	1	2	-	-	-	1	-	-	-				
From 1 to 3 months,	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-				
3 to 6 months,	-	-	-	-	-	-	3	3	6	-	-	-	-	-	-	-				
6 to 12 months,	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-				
1 to 2 years,	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1				
2 to 5 years,	-	-	-	-	-	-	1	1	2	3	1	4	1	1	2	-				
5 to 10 years,	-	-	-	3	1	4	3	2	5	1	2	3	-	2	1	2				
10 to 20 years,	-	-	-	3	4	7	-	2	2	5	1	6	-	3	1	3				
Over 20 years,	-	-	-	1	-	1	-	-	-	1	3	4	-	-	-	1				
Totals,	10	8	18	7	7	14	10	8	18	7	7	14	2	6	8	8				
Unknown,	-	-	-	3	1	4	-	-	-	3	1	4	-	-	-	-				
Totals,	10	8	18	10	8	18	10	8	18	10	8	18	2	6	8	8				
Average of known cases (in months), . . . . .	.5	.5	.5	145.71	124.28	135	33.6	81.37	54.83	189.42	182.57	186	9.25	127	97.56	160.5			

